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(71) Applicant (for all designated States except US): **RADI-
ANT TECHNOLOGIES, INC.** [KR/KR]; 2F., Ilyang
Bldg., 206, Nonhyun-dong, Kangnam-gu, Seoul 135-010
(KR).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **KIM, Tae
II** [KR/KR]; No.301, Oak Heights Villa, 610-43,
Banpo-4-dong, Seocho-gu, Seoul 137-044 (KR). **HA, Tae
Jun** [KR/KR]; No.711-1203, Byeolvit Maeul 7-danji Apt.,

Hwajeong-dong, Deokyang-gu, Goyang-si, Kyunggi-do
412-270 (KR). **KIM, Sung Hee** [KR/KR]; No.602-106,
Hyundai Apt., Gooeui-3-dong, Kwangjin-gu, Seoul
143-203 (KR). **SOHN, Hyuk Jin** [KR/KR]; No. 201, Mi-
rae-villa, 27-24, Samseong-2-dong, Kangnam-gu, Seoul
135-864 (KR). **LEE, Won Seok** [KR/KR]; No.910-616,
Joogong Apt., Hagye-dong, Noweon-gu, Seoul 139-230
(KR).

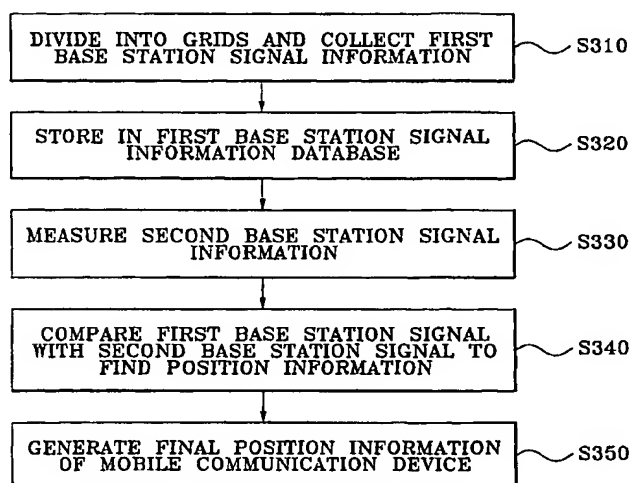
(74) Agent: **KOO, Kee Wan**; MUHANN Patent & Law Firm,
5th Fl., Youngpoong Building, 142 Nonhyun-dong, Kang-
nam-gu, Seoul 135-749 (KR).

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(54) Title: SYSTEM AND METHOD FOR DETERMINING POSITION OF MOBILE COMMUNICATION DEVICE BY GRID-
BASED PATTERN MATCHING ALGORITHM



(57) Abstract: Provided is a method and system for determining a position of a mobile communication device in a mobile communication network, the method including the steps of: dividing an area covered by the mobile communication network into a plurality of grids and collecting a first base station signal information with respect to each of the divided grids; storing and maintaining the collected first base station signal information in association with position information of the grids in a database; measuring a second base station signal information received by the mobile communication device; comparing the second base station signal information with the first base station signal information to find position information corresponding to the second base station signal information in the database; and generating final position information of the mobile communication device based on the position information found in the database.

WO 2006/031035 A1



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